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 <213> Homo sapiens

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 aaaatttgct gttcttcatt gtttctcttt tcaactgctat ctatttttct caaccactca 180  
 catggctaca ataactgtct gcaagcttat gattcccaaa tatctatctc tagcctcaat 240  
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 ttaaagacgt ttcaacatac aaaccgggga gttttgctg gaatgtttcc taaaatgtgt 360  
 cctgtagcac atagggctct cttgttcctt aaaatctaata tacttttagc ccagtgtctca 420  
 tcccacctat ggggagatga gaggtaaaag ggagcctgat taataattac actaagtcaa 480  
 taggcataga gccaggactg tttgggtaaa ctggtcactt tatcttaaac taaatatatc 540  
 caaaactgaa catgtactta gttactaagt ctttgacttt atctcattca taccactcag 600  
 ctttatccag gccacttatg agctctgtgt ccttgaacat aaaatacaaa taaccgctat 660  
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 <212> DNA  
 <213> Homo sapiens

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 tttctctgtc acaaaggaaa ataatcccc tggtgtgaca gaccaagga cagaacacag 180  
 cagaggtcag cactggggaa gacaggttgt cctcccagg gatgggggtc catccacctt 240  
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ggcagaaatg agaggggagg ggacagagga cacctgaata aagaccacac ccatgacca 360  
 cgtgatgctg agaagtactc ctgccctagg aagagactca gggcagaggg aggaaggaca 420  
 gcagaccaga cagtcacagc agccttgaca aaacgttcct ggaactcaag ca 472

<210> 8  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<400> 8  
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 cccaggttta ctcccttaag tggaaatttc ttccccact cctccttggc tttctccaag 180  
 gagggaaacc aggctgctgg aaagtccggc tggggcgggg actgtgggtt caggggagaa 240  
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<210> 9  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

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 ctgattggag gaatggataa tagtcatcat gtttaaacad ctaccattcc agttaagaaa 180  
 atatgatagc atcttgttct tagtcttttt cttaataggg acataaagcc cacaataaaa 240  
 aatatgcctg aagaatggga caggcattgg gcattgtcca tgcctagtaa agtactccaa 300  
 gaacctatct gtataactaga tgacacaatg tcaatgtctg tgtacaactg ccaactggga 360

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 <212> DNA  
 <213> Homo sapiens

<220>  
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 gct acc gga cta aca tct gcc cta aat tta ccc caa gtt cat gcc ttt 97  
 Ala Thr Gly Leu Thr Ser Ala Leu Asn Leu Pro Gln Val His Ala Phe  
 20 25 30  
 gtc aat gac tgg gcg agc ttg gac atg tgg tgg ttt tcc ata gcg ctt 145  
 Val Asn Asp Trp Ala Ser Leu Asp Met Trp Trp Phe Ser Ile Ala Leu  
 35 40 45  
 atg ttt gtt tgc ctt att att atg tgg ctt att tgt tgc cta aag cgc 193  
 Met Phe Val Cys Leu Ile Ile Met Trp Leu Ile Cys Cys Leu Lys Arg  
 50 55 60  
 aga cgc gcc aga ccc ccc atc tat agg cct atc att gtg ctc aac cca 241  
 Arg Arg Ala Arg Pro Pro Ile Tyr Arg Pro Ile Ile Val Leu Asn Pro  
 65 70 75 80  
 cac aat gaa aaa att cat aga ttg gac ggt ctg aaa cca tgt tct ctt 289  
 His Asn Glu Lys Ile His Arg Leu Asp Gly Leu Lys Pro Cys Ser Leu  
 85 90 95  
 ctt tta cag tat gat taa 307  
 Leu Leu Gln Tyr Asp  
 100

<210> 11  
 <211> 101  
 <212> PRT  
 <213> Homo sapiens

<400> 11  
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 Val Asn Asp Trp Ala Ser Leu Asp Met Trp Trp Phe Ser Ile Ala Leu  
 35 40 45  
 Met Phe Val Cys Leu Ile Ile Met Trp Leu Ile Cys Cys Leu Lys Arg

| 50  | 55  | 60 |    |
|---|-----|----|----|
| Arg Arg Ala Arg Pro Pro Ile Tyr Arg Pro Ile Ile Val Leu Asn Pro |     |    |    |
| 65  | 70  | 75 | 80 |
| His Asn Glu Lys Ile His Arg Leu Asp Gly Leu Lys Pro Cys Ser Leu |     |    |    |
|   | 85  | 90 | 95 |
| Leu Leu Gln Tyr Asp   |     |    |    |
|   | 100 |    |    |
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| <211> 25  |     |    |    |
| <212> DNA   |     |    |    |
| <213> Unknown   |     |    |    |
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| <223> Description of Unknown Organism: unknown                  |     |    |    |
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| <400> 12  |     |    |    |
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| <210> 13  |     |    |    |
| <211> 23  |     |    |    |
| <212> DNA   |     |    |    |
| <213> Unknown   |     |    |    |
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| <223> Description of Unknown Organism: unknown                  |     |    |    |
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| <210> 14  |     |    |    |
| <211> 19  |     |    |    |
| <212> DNA   |     |    |    |
| <213> Unknown   |     |    |    |
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| <223> Description of Unknown Organism: unknown                  |     |    |    |
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| <400> 14  |     |    |    |
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| <br>  |     |    |    |
| <210> 15  |     |    |    |
| <211> 20  |     |    |    |
| <212> DNA   |     |    |    |
| <213> Unknown   |     |    |    |
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| <220>   |     |    |    |
| <223> Description of Unknown Organism: unknown                  |     |    |    |
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| <400> 15  |     |    |    |
| tttcagtcac cggtgtcgga   |     |    | 20 |
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| <210> 16  |     |    |    |

<211> 20  
 <212> DNA  
 <213> Unknown  
  
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 <223> Description of Unknown Organism: unknown  
  
 <400> 16  
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 <210> 17  
 <211> 22  
 <212> DNA  
 <213> Unknown  
  
 <220>  
 <223> Description of Unknown Organism: unknown  
  
 <400> 17  
 tccgacaccg ggtgacctga aa 22  
  
  
 <210> 18  
 <211> 29  
 <212> DNA  
 <213> Unknown  
  
 <220>  
 <223> Description of Unknown Organism: unknown  
  
 <400> 18  
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 <210> 19  
 <211> 27  
 <212> DNA  
 <213> Unknown  
  
 <220>  
 <223> Description of Unknown Organism: unknown  
  
 <400> 19  
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 <210> 20  
 <211> 26  
 <212> DNA  
 <213> Unknown  
  
 <220>  
 <223> Description of Unknown Organism: unknown  
  
 <400> 20  
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 <210> 21  
 <211> 24

<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 21  
ccgctcgagc actcttgagt gccca 24

<210> 22  
<211> 156  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 22  
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tgtctagggc cgcggggact ttgaccgttt acgtgg 156

<210> 23  
<211> 156  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 23  
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<210> 24  
<211> 27  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 24  
ggaagatctg aaatctagct gatatag 27

<210> 25  
<211> 24  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 25  
 ttctcgagaa gcttggggct gggg 24

<210> 26  
 <211> 39  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 26  
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<210> 27  
 <211> 23  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 27  
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<210> 28  
 <211> 21  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 28  
 gccacggcc gcattatata c 21

<210> 29  
 <211> 21  
 <212> DNA  
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<220>  
 <223> Description of Unknown Organism: unknown

<400> 29  
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<210> 30  
 <211> 21  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown



<400> 30  
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<210> 31  
 <211> 26  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 31  
 taacggccgt ctagaatct agctga 26

<210> 32  
 <211> 23  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 32  
 taacggccga agcttgggct ggg 23

<210> 33  
 <211> 20  
 <212> DNA  
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<220>  
 <223> Description of Unknown Organism: unknown

<400> 33  
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<210> 34  
 <211> 21  
 <212> DNA  
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<220>  
 <223> Description of Unknown Organism: unknown

<400> 34  
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<210> 35  
 <211> 21  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 35

acaccactcg agcacggcac c 21

<210> 36  
 <211> 24  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 36  
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<210> 37  
 <211> 27  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 37  
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<210> 38  
 <211> 30  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 38  
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<210> 39  
 <211> 26  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 39  
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<210> 40  
 <211> 30  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 40  
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<210> 41  
<211> 25  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 41  
gtgttttagg cagatctcct ccttt 25

<210> 42  
<211> 43  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 42  
gcaaccaccc ggtgctaatac aagtatggca aaggagtaag cgc 43

<210> 43  
<211> 26  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 43  
tggccttgct agactgctcc ttcagc 26

<210> 44  
<211> 822  
<212> DNA  
<213> Unknown

<220>  
<223> Description of Unknown Organism: unknown

<400> 44  
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aaaatttgct gttcttcatg gtttctcttt tcaactgctat ctatctttct caaccactca 180  
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cttgttccag aagataaaaa gtagtattca aatgcacatc aacgtctcca cttggagggc 300  
ttaaagacgt ttcaacatac aaaccgggga gttttgctg gaatgtttcc taaaatgtgt 360  
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tcccacctat ggggagatga gaggtaaaag ggagcctgat taataattac actaagtcaa 480  
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 tataccaaca aaaggttact agttaacagg cattgcctga aaagagtata aaagaatttc 780  
 agcatgattt tccatattgt gcttccacca ctgccaataa ca 822

<210> 45  
 <211> 5224  
 <212> DNA  
 <213> Unknown

<220>  
 <223> Description of Unknown Organism: unknown

<400> 45  
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 aacagactat gggctggagg actttgagga tgtctgtctc ataacacttg ggttgatatc 180  
 gttctatggg gcttggttta agcttggcaa ctgcaacag ggttcactga ctttctcccc 240  
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